

# NEBRASKA WEATHER & CROPS

NEBRASKA  
 AGRICULTURAL  
STATISTICS  
SERVICE

For Week Ending August 22, 1993.

Issue: 25-93

Phone: (402) 437-5541

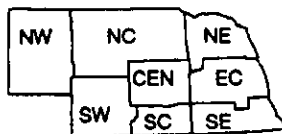
P.O. Box 81069

Released: 8/23/93 - 3:00 p.m.

Location: 273 Federal Bldg.

Lincoln, NE 68501

National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admin.  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
Cooperative Extension Service  
Institute of Agriculture  
and Natural Resources--UN-L

## WEATHER

Temperatures for the week averaged from near normal to three degrees above normal. Scattered precipitation occurred throughout the week with amounts varying from three-tenths of an inch in the northeast to almost two inches in the southwest.

## GENERAL

Normal to above normal temperatures with scattered rainfall this past week was very beneficial to developing crops, according to the Nebraska Agricultural Statistics Service. Except in areas with sufficient rainfall, irrigation systems were in active use. Even with the improved crop conditions and crop development at a faster than normal pace for soybeans and sorghum, producer concerns remain about crops reaching full maturity before frost. Other producer activities included putting up hay, walking beans, moving old crop grain to market, and preparing seedbeds for fall seeded crops.

## CROPS

All corn condition was rated at 2% poor, 15% fair, 78% good, and 5% excellent. Dryland fields were rated at 84% good or excellent with irrigated fields rated at 83% good or excellent. Current development is about a week and a half behind normal. Some rust has been observed in a few areas.

## CROPS (Cont.)

Soybean condition was rated at 18% fair, 78% good, and 4% excellent. Weed control activities continued active. As of Sunday, pod set was about five days behind normal.

Sorghum condition was rated at 10% poor, 36% fair, 52% good, and 2% excellent. The improved growing conditions last week boosted development and heading was about a week behind normal at week's end. Acreage turning color remained at a slower pace, about two weeks behind normal.

Dry bean condition was rated at 34% fair and 66% good. As of Sunday, the crop had virtually all bloomed with 88% having pods set.

Alfalfa condition was rated at 2% poor, 15% fair, 75% good, and 8% excellent. Third cutting activities progressed to 30% complete by week's end, compared with 50% harvested last year. Wild hay condition was rated at 15% fair, 58% good, and 27% excellent. Haying continued active.

## LIVESTOCK

Pasture and range condition was rated at 105% of normal and compares with 98% of normal last year at this time. Pastures continued to provide abundant grazing in most areas. Cooler evening temperatures have been a benefit to livestock.

FIELD WORK PROGRESS AS OF AUGUST 22, 1993	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% oats harvested	77	97	100	100	100	100	100	100	98	97	100	100
% corn silked	98	94	100	100	95	100	100	100	98	94	100	100
% corn dough stage	14	44	45	49	51	50	50	84	51	28	63	79
% corn denting	0	5	1	11	7	3	9	19	7	0	11	31
% sorghum headed	70	76	69	82	80	95	84	76	79	49	85	88
% sorghum turning color	0	3	1	1	3	0	2	4	3	0	8	22
% soybeans blooming	0	93	98	95	95	100	82	100	97	91	100	100
% soybeans setting pods	0	65	82	56	67	55	80	95	78	55	87	89
% dry beans blooming	100	92	85	93	0	100	100	0	100	91	n/a	n/a
% dry beans podded	98	71	66	35	0	64	100	0	88	50	n/a	n/a
% alfalfa third cutting	15	24	20	34	33	54	64	40	30	17	50	n/a
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF AUGUST 20, 1993												
Days suitable	4.8	4.6	3.9	4.9	5.3	3.4	4.1	5.4	4.8	6.2	6.1	
Topsoil moisture - Short	0	18	0	13	22	0	0	24	13	20	14	
(Percent) - Adequate	100	65	86	87	78	75	62	76	77	72	81	
- Surplus	0	17	14	0	0	25	38	0	10	8	5	
Subsoil moisture - Short	0	0	0	0	0	0	0	0	0	1	4	
(Percent) - Adequate	100	82	100	87	83	100	75	100	90	82	93	
- Surplus	0	18	0	13	17	0	25	0	10	17	3	

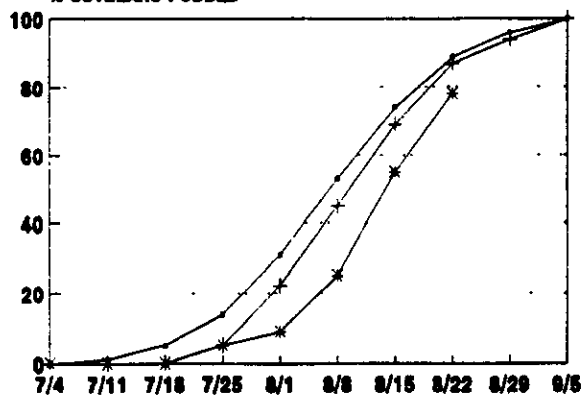
n/a - not available

NEBRASKA WEATHER & CROPS (ISSN 0745-0117) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Agricultural Statistics Service (NASS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NASS, P.O. Box 81069, Lincoln, NE 68501, or by calling (402) 437-5541 and available for \$15.00 per year to non-reporters. POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, P.O. Box 81069, Lincoln, NE 68501.

NEBRASKA WEATHER & CROPS  
P.O. Box 81069  
Lincoln, NE 68501

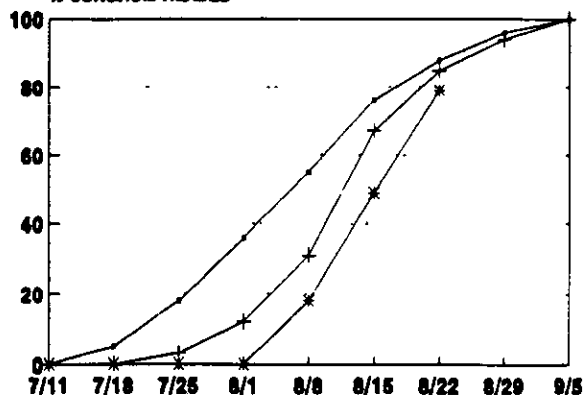
Second Class Postage  
Paid at  
Lincoln, Nebraska

### % SOYBEANS PODDED



- 5 YR AV + 1992 \* 1993

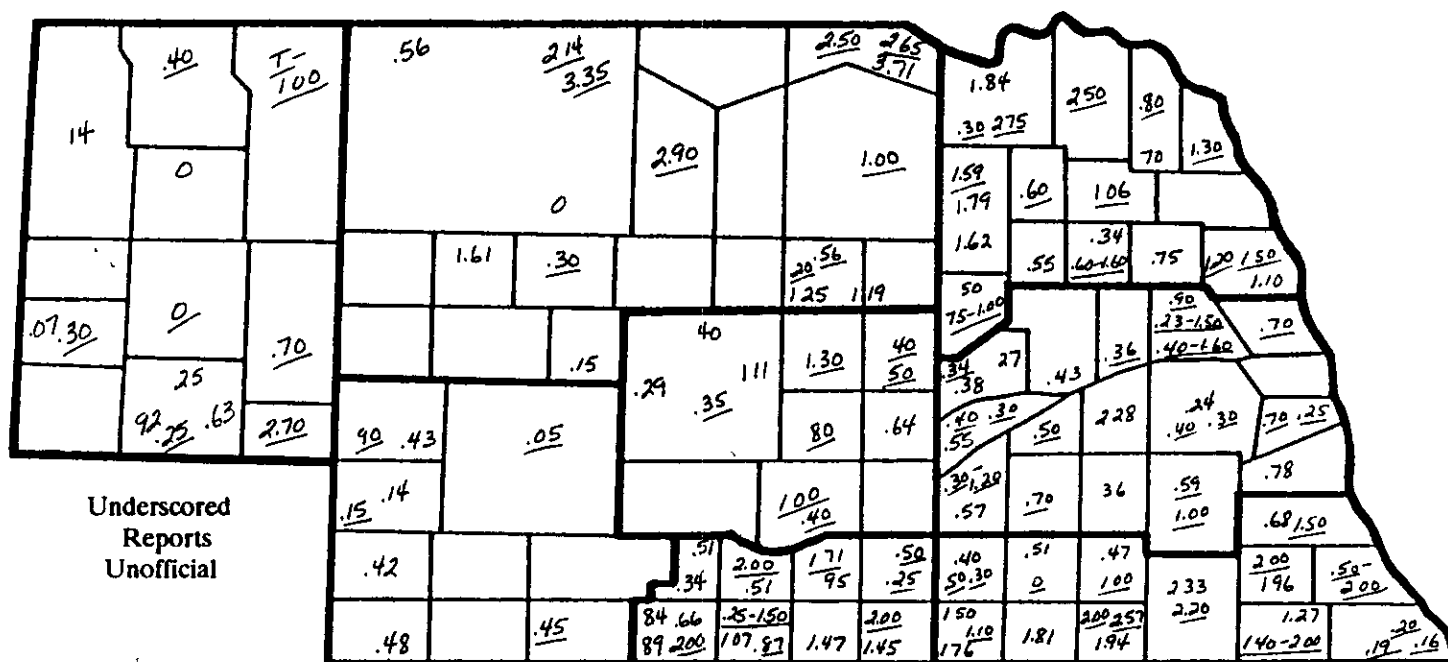
### PROGRESS AS OF SUNDAY

**% BORGHUM HEADED**

→ 5 YR AV + 1992 \* 1993

### PROGRESS AS OF SUNDAY

**PRECIPITATION MAP FOR WEEK ENDING FRIDAY, AUGUST 20, 1993**



**Underscored  
Reports  
Unofficial**

**PRECIPITATION, APRIL 1 - AUGUST 20, 1993**

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week . . . . .	.34	1.21	1.13	.61	.65	.37	.87	1.33
Total since April 1 . . . . .	12.22	19.50	23.82	23.18	27.15	17.91	25.09	29.88
Normal since April 1 . . . . .	11.26	13.72	15.72	14.79	16.68	12.55	14.86	17.36
Total as % of normal . . . . .	109%	142%	152%	157%	163%	143%	169%	172%

**TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,  
WEEK ENDING SUNDAY, AUGUST 22, 1993**

Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	---	---	---	---	---	---	---	---
	Scottsbluff	92	51	71	0	.90	---	---	---
	Sidney	---	---	---	---	---	1695	1835	1955
NC	Valentine	87	56	72	0	1.24	---	---	---
NE	Norfolk	90	62	74	+2	.31	---	---	---
	Sioux City	90	60	75	+2	.57	---	---	---
	Concord	---	---	---	---	---	1855	2007	2309
CEN	Elgin	---	---	---	---	---	1818	1973	2257
	West Point*	---	---	---	---	---	1981	2148	2375
	Grand Island	95	64	76	+2	.58	---	---	---
	Ord	92	60	74	---	---	1864	2025	2268
EC	Lincoln	97	66	78	+3	.74	---	---	---
	Omaha	90	64	77	+3	.75	---	---	---
SW	Imperial	90	60	73	---	---	---	---	---
	North Platte	87	60	73	+1	1.87	**1758	**1917	**2193
SC	Holdrege	---	---	---	---	---	2012	2181	2387
SE	Beatrice	---	---	---	---	---	2168	2352	2471
	Clay Center	---	---	---	---	---	2031	2209	2427

1/ Precipitation totals not included in map above.    \* Automated weather station.    \*\* North Platte Experiment Station.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.